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ABSTRACT

This book tells the stories of teachers who, guided by evolving understandings of constructivist mathematics learning, are meeting the challenge of reconstructing their teaching practice. Although the stories all reflect the experiences of a single in-service program, SummerMath for Teachers, each exemplifies an aspect of the change process generic to teachers' efforts to transform their mathematics instruction. Chapter titles are: (1) "Introduction," (2) "Cultivating New Visions: Ana Malave, Betsy Howlett, and Pat Collins," (3) "A Sample Mathematics Lesson for Teachers: Xmania," (4) "Becoming a Mathematical Thinker: Linda Sarage," (5) "Stages of Development: Jill Lester," (6) "The Rug Pulled Out from Under Her: Sherry Sajdak," (7) "What's So Special About Math? Lisa Yaffee," (8) "Learning to Take Risks: Ginny Brown," (9) "Learning to Lead: Geri Smith," and (10) "Conclusion." An appendix contains resources for teachers and a chronology of SummerMath for Teachers. Contains 110 references. (MKR)

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